

Date - 26/06/23

Proposed Assembly Chart

Juwa Dewotopur / Taruq

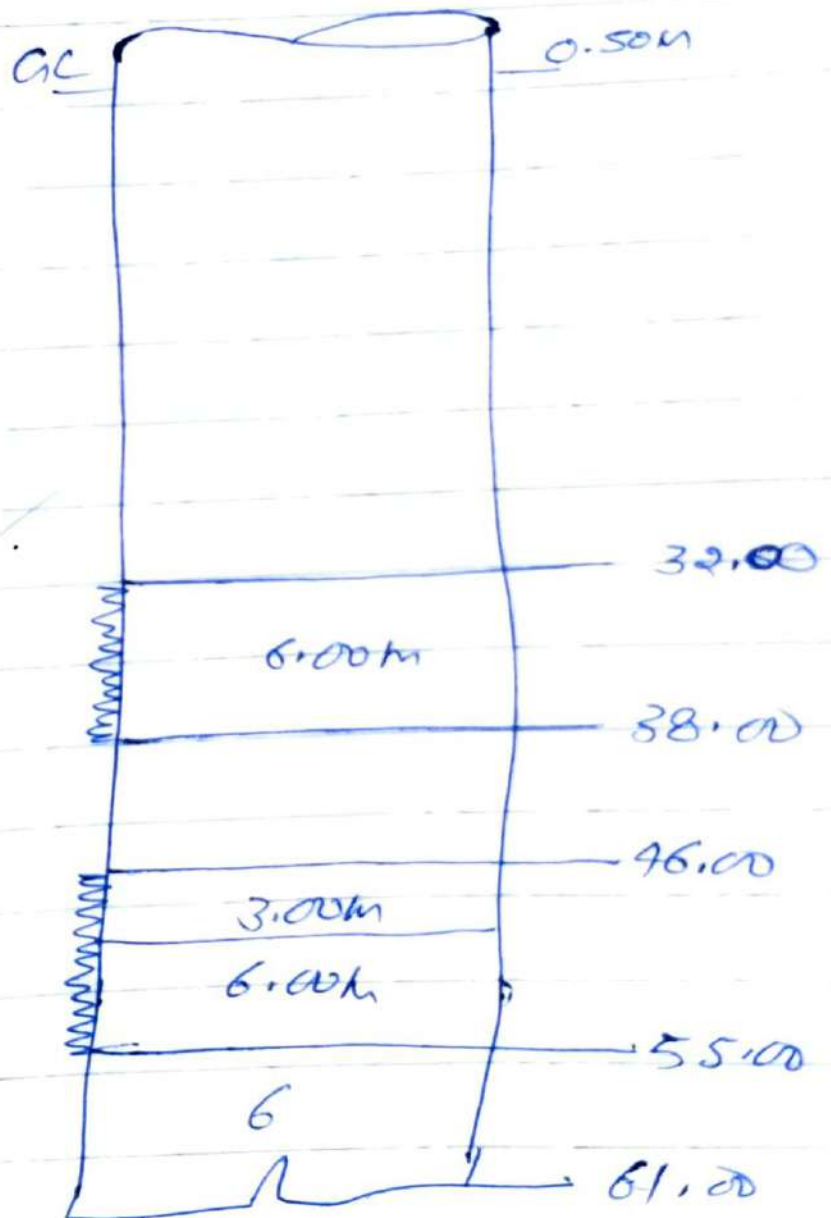
As per DPR

Discharge = 840 LPM

Slotted = 30 m

Size = 300 x 150 mm

Assembly Size
300 x 300 mm





Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreelko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 624 - J / AX - 2023

Date 24.06.2023

Geophysical Borehole Logging Report

Name of the site : Juwa Darropur, Block – Tarwa

District : Azamgarh

Date : 24.06.2023

Depth logged : 190.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : UPTRON make

Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	24.0–30.0	6.0	Good
2	32.0–38.0	6.0	
3	47.0–54.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 60.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

ESTIMATE FOR
JUWA & DAROPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
 UNDER - JJM
BLOCK- TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 840 LPM
 Head 47 M
 Drilling Depth of Tube well 200 M
 Lowering of Tube well 180 M
 Size of Tube well 300 x 150 mm

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	DC/RC Drilling including Hiring Transportation, Erection, Dismantling with Loading and unloading of Dig and assisted T&P complete in all respect including required all material labour & T&P etc.									As per RFP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMØ					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMØ					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ					100	2,766.85	Rmt	2,76,685.02	249016.5
1.2.2	Development Flushing of tubewell						2,887.82	Hrs	-	
1.3	DC/RC Drilling from 201 MT. To 300 Mtr Deep									
1.3.1	450 MMØ						3,150.13	Rmt	-	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270									
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMØ					96	1,991.60	Rmt	1,91,193.60	
	MISERW Pipe started pipe as per IS 8110									
1.4.3	300 MMØ					0	5,685.48	Rmt	-	
1.4.4	150 MMØ					30	3,057.06	Rmt	92,011.92	
1.5	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	300 mm Ø MS Ring made by 125 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm Ø MS Ring made by 150 mm x 12 mm Flat					22	1,264.67	No.	27,822.65	
	MS Ball plug As per IS 2800									
1.5.3	150 mm Ø MS Ball Plug					1	1,717.76	No.	1,717.76	